

## IN THE UNITED STATES PARENT AND TRADEMARK OFFICE

In re Patent Application of	) MAIL STOP AFTER FINAL			
Hiroshi SANO et al.	) Group Art Unit: 1638			
Application No.: 09/971,020  Filed: October 5, 2001	) Examiner: Ashwin D. Mehta ) Confirmation No.: 3752	RECEIVED		
For: THEOBROMINE SYNTHASE POLYPEPTIDE OF COFFEE PLANT AND THE GENE ENCODING SAID POLYPEPTIDE	) )	NOV 2 5 <sub>2003</sub> ECH CENTER 1600/2900		
AMENDMENT AND REPLY AFTER FINAL	REJECTION TRANSMITTAL LE	TTER		
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir:  Enclosed is an Amendment and Reply After Final application.	DATE:  DATE:  Rejection for the above-identified p	1		
[X] A Petition for Extension of Time is also en	nclosed			
[ ] A Terminal Disclaimer and the [ ] \$55.00 (C.F.R. § 1.20(d) are also enclosed.		r 37		
[X] Also enclosed is/are Substitute Sequence I Paper Copy; Chloe Zubieta et al., "Stru the Salicylic Acid Carboxyl Methyltrar 1704-1716 (August 2003); Shinjiro Og plants, " 423 NATURE 823 (June 19, 20 Figures 2A-2D and 3	ctural Basis for Substrate Recogni asferase Family," 15 THE PLANT ( ita et al. "Producing decaffaingte	tion in CELL		
[ ] Small entity status is hereby claimed.		,		
[ ] Applicant(s) requests continued examination [ ] \$385.00 (2801) [ ] \$770.00 (1801) fee of	n under 37 C.F.R. § 1.114 and enclos due under 37 C.F.R. § 1.17(e).	se the		
[ ] Applicant(s) requests that any previous entered. Continued examination is requidentified above.	sly unentered after final amendments	not be nts		
[ ] Applicant(s) previously submitted, requested.	on, for which continued examinat	ion is		

[]	Applicant(s) requests suspension of action by the Office until at least, which
	does not exceed three months from the filing of this RCE, in accordance with
	37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.

[ ] A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

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[ ] No additional claim fee is required.

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[X] An additional claim fee is required, and is calculated as shown below:

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	No. OF CLAIMS			RATE	ADD'L FEE 54.00	
Total Claims 37		MINUS 34 =	3	× \$18.00 (1202) =		
Independent Claims	4	MINUS 4 =	0	× \$86.00 (1201) =	0.00	
If Amendment adds mu	ltiple depend	ent claims, add \$290	0.00 (1203)		·	
Total Claim Amendmen	it Fee					
If small entity status is o	claimed, sub	ract 50% of Total C	Claim Amendn	nent Fee	•	

[X]	A check in the	amoun	of \$	54.00	is enclo	sed fo	or the fee	e due.
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[]	Charge \$	1	o Dep	osit Account	No. 02-48	00.		

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: November 19, 2003

By: Evin M. Dunston

Registration No. 51,147

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